

Abstract of CN 2482720

The utility relates to a long -after-glow luminous sign panel. It includes aluminum metal panel and white, reflective, and suboptical fluorocarbon lacquer that is applied to the metal panel. The luminous layer that consists of long - after - glow luminous (photoluminescent) powders, fluorocarbon resin, filler covers the surface of the fluorocarbon lacquer. A layer of characters and patterns is applied to the surface of the luminous layer. A transparent and anti-flaming layer of fluorocarbon lacquer is applied to the surface and surrounding of characters and patterns. The back face of the metal panel most preferably has foam adhesive sticker and release paper. The technical solution of the utility helps to solve the problems of sign panel that concern resistances to weather, high temperature, flaming, ageing, deformity, superficial layer dropping off, and mechanical damages.

In the drawing of the specification, labeled numbers stand for:

- 1 - release paper (wax paper)
- 2 - foam adhesive sticker
- 3 - aluminum panel
- 4 - fluorocarbon lacquer medium coating
- 5 - luminous layer
- 6 - layer of characters and patterns
- 7 - transparent and anti-flaming layer of fluorocarbon lacquer